

IN THE CLAIMS:

Please amend the claims as follows:

1. (Canceled).
2. (Canceled).
3. (Canceled)
4. (Canceled).
5. (Canceled).
6. (Canceled).
7. (Canceled).
8. (Canceled).
9. (Currently amended) A method of generating a desired image, comprising:
analyzing a first image to determine a desired brightness and a desired contrast for said first image;
first adjusting said first image to [[a]] said desired contrast to form a second image; and
second adjusting said second image for [[a]] said desired brightness to form said desired image.
10. (Previously presented) The method as claimed in claim 9, wherein the analyzing is performed by a regulator.

11. (Previously presented) The method as claimed in claim 9, wherein adjusting said first image to a desired contrast is performed by a light modulator panel.

12. (Currently amended) The method as claimed in claim ~~numerical~~ 9, wherein adjusting said second image for a desired brightness is performed by a light control device.

13. (Currently amended) The method as claimed in claim ~~numerical~~ 9, wherein a brightness and a contrast of said desired image are adjusted substantially independently of each other.

14. (Previously presented) The method as claimed in claim 9, wherein a contrast of said desired image is independent from a background illumination level.

15. (Previously presented) The method of claim 9, wherein the first image does not cover a complete range of gray levels producible by an image processing apparatus performing said first adjusting;

the second image covers a larger range of gray levels than the first image, while being within said complete range; and

whereby, the desired range has the larger range of gray levels with the desired brightness.

16. (Previously presented) The method of claim 15, wherein the image processing apparatus comprises at least one light modulation panel and wherein the second image comprises image modulation information within the at least one modulation panel.

17. (Previously presented) The method of claim 15, wherein the first adjusting results in a brightness level that causes the second image to lie within parameters achieving a maximum dynamic range of at least a portion of the image processing apparatus.

18. (Previously presented) The method of claim 17, wherein the second adjusting relates to a second portion of the image processing apparatus.

19. (Previously presented) A method for producing an output image in a device comprising a light source and at least one light modulator, the output image resulting from passing light from the light source through the light modulator, the method comprising:

analyzing an input image to derive a desired contrast and desired brightness;

adjusting the light modulator to a setting which would normally not result in the desired brightness, but would result in the desired contrast;

adjusting light from the light source to retain the desired contrast achieved by the light modulator while attaining the desired brightness in the image.

20. (Previously presented) An image producing device comprising:

a video input;

at least one light source, having a given normal brightness value;

at least one light modulator, responsive to the video input for adding image data from the video input to light from the light source;

means for

analyzing the video input to derive a desired contrast and a desired brightness;

supplying at least one first control signal to cause the light modulator to be adjusted to achieve the desired contrast, but a brightness other than the desired brightness with the light source at the given normal brightness value;

supplying at least one second control signal to cause light source to have a new brightness value in order to achieve the desired brightness in the output image in view of the adjustment of the light modulator; so that the output image has both the desired contrast and the desired brightness.